Amendment to the Claims:

Before claim 1, please delete the word "Claims" and substitute the following: What is claimed is:

1. (Currently Amended) A pressure sensor comprising a housing with a bottom part [[(2)]] and a sidewall extending upwardly and forming an opening in an upper surface of the housing, a pressure sensing arrangement [[(7)]], and a membrane [[(6)]] covering the opening to provide a substantially closed cavity [[(28)]] in the housing, [[characterised in that]] wherein the housing comprises an intermediary member [[(4)]] attached between the bottom part and the membrane and comprising an aperture [[(5)]] forming at least a part of the cavity.

2. (Currently Amended) [[A]] The sensor according to claim 1, wherein the intermediary member forms the sidewall of the cavity.

3. (Currently Amended) [[A]] The sensor according to claim 1 [[or 2]], wherein the aperture [[(5)]] has a profile matching a profile of the pressure sensing arrangement when viewed in the same cross-sectional plane.

4. (Currently Amended) [[A]] The sensor according to [[any of the preceding claims]] claim 1, wherein the intermediary member and the bottom part are joined in matching plane surfaces.

5. (Currently Amended) [[A]] The sensor according to [[any of the preceding claims]] claim 1, wherein the intermediary member is attached to the bottom part by welding.

6. (Currently Amended) [[A]] The sensor according to [[any of the preceding claims]] claim 1, wherein the membrane is fastened to the intermediary member.

7. (Currently Amended) [[A]] The sensor according to [[any of the preceding claims]] claim 1, wherein the intermediary member is made from a plate shaped material in a stamping process.

8. (Currently Amended) [[A]] The sensor according to [[any of the preceding claims]] claim 1, comprising a channel for filling the cavity with a pressure-transmitting medium, the channel being formed between the bottom part and the intermediary member.

9. (Currently Amended) [[A]] The sensor according to [[any of the preceding claims]] claim 1, wherein the membrane is attached to a first contact flange [[(21)]] of an upper surface of the intermediary member, the first contact flange forming a circumferentially extending elevation of the upper surface.

10. (Currently Amended) [[A]] The sensor according to claim 9, further comprising a supporting ring [[(9)]] having a second contact flange [[(22)]] of a lower surface of the supporting ring, the second contact flange being attached to an outer surface of the membrane above the first contact flange, the second contact flange forming a circumferentially extending elevation of the lower surface.

11. (Currently Amended) A method of making a pressure sensor comprising a housing with a cavity having an opening in an upper surface of the housing, a pressure sensing arrangement placed in the cavity for sensing pressure, and a membrane [[(3)]] covering the opening and attached to the housing to provide a substantially closed space [[(28)]] in the cavity, wherein a bottom part and an intermediary member is assembled to form the housing, [[characterized that]] and wherein the intermediary member [[(2)]] is attached between the bottom part and the membrane and forms at least a part of the cavity.

12. (Currently Amended) [[A]] The method according to claim 11, wherein at least one of the bottom part and the intermediary member is formed in a stamping process.